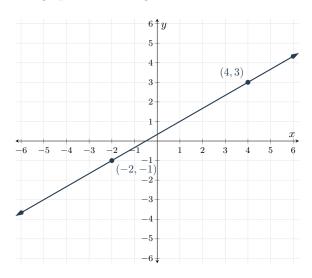
Exercise 1 The graph of a line is given below.



- (a) The line parallel to this graphed line, which passes through the point (3,1) has equation in point-slope form given by $y-\boxed{1}=\boxed{2/3}\left(x-\boxed{3}\right)$.
- (b) The line perpendicular to this graphed line, which passes through the point (-2,3) has equation in slope-intercept form given by $y=\boxed{-3/2}x+\boxed{0}$.